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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/306,189	05/06/1999	MICHAEL RICHARD COOPER	AT9-98-920	3131

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DUKE W. YEE  
CARSTENS, YEE & CAHOON, L.L.P.  
P.O. BOX 802334  
DALLAS, TX 75380

EXAMINER

YUAN, ALMARI ROMERO

ART UNIT	PAPER NUMBER
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2176

DATE MAILED: 09/23/2003

19

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/306,189

Applicant(s)

COOPER ET AL.

Examiner

Almari Yuan

Art Unit

2176

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 03 July 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 6-11, 17-22 and 25 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 6-11, 17-22 and 25 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

### DETAILED ACTION

1. This action is responsive to communications: Amendment filed on 7/03/03.
2. The rejection of claims 1-4, 12-15, 23-24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Meltzer and Wu has been withdrawn as necessitated by amendment.
3. Claims 1-5, 12-16, 23-24, and 26 are cancelled. Claims 6-11, 17-22, and 25 are pending. Claims 1, 6, 17, and 26 are independent claims.

#### *Claim Rejections - 35 USC § 103*

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. **Claims 6-11, 17-22, and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Meltzer et al. (USPN 6,226,675 B1 – filed on: 10/1998).**

**Regarding independent claims 6, 17, and 25, Meltzer discloses:**

A method, data processing system, and computer program product on a computer readable medium of dynamically translating an application program into a markup language file (Meltzer on col. 30, lines 55-61: teaches transforming JAVA into XML), comprising:

executing an application program (Meltzer on col. 23, lines 17-60: teaches the objects would be transformed into format required by the receiving application);

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parsing a document type definition file for a markup language (Meltzer on col. 23, lines 38-60: teaches parsing a document to retrieve DTD (document type));

during execution of said program application (on col. 23, lines 17-60: teaches running listeners as JAVA functions); selecting an element defined in the document type definition file based on a routine called by the application program (Meltzer on col. 23, lines 17-60: teaches element retrieved from XML DTD; on col. 5, lines 1-9: teaches particular fields of a document are translated into JAVA objects; on col. 30, lines 55-61: teaches JAVA beans correspond to the logical structures in the DTD for transforming from XML to JAVA and from JAVA to XML) ; and

writing the selected element to a markup language file (Meltzer on col. 23, lines 38-60: teaches producing an output by received XML element).

Meltzer on col. 23, lines 17-37 and col. 25, line 52 – col. 26, line 9 teaches a listener as a JAVA program (as routine called by the application program) to listen for events to exploits the JAVA beans API for transforming the object (beans) into a format such as XML; each object becomes an element within that element each embedded method also becomes an element whose content is the value returned by invoking the method.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Meltzer to provide a JAVA listener to listen for events to exploit JAVA beans API incorporated as routine called by the application program, in order to enable diverse and flexible implementations of transaction processes of filtering and responding to incoming documents.

**Regarding dependent claims 7 and 18, Meltzer discloses:**

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wherein the element comprises an attribute list corresponding to parameters for the routine (Meltzer on col.76, lines 33-67: teaches elements and attributes).

**Regarding dependent claims 8 and 19, Meltzer discloses:**

wherein the selected element written to the markup language file comprises an attribute list corresponding to values for the parameters passed to the routine (Meltzer on col.76, lines 33-67: teaches attributes values).

**Regarding dependent claims 9 and 20, Meltzer discloses:**

wherein the application program is written in Java programming language (Meltzer on col. 5, lines 1-19: teaches JAVA).

**Regarding dependent claims 10 and 21, Meltzer discloses:**

wherein the routine is an extended class method (Meltzer on col.76, lines 33-67: teaches JAVA classes, methods).

**Regarding dependent claims 11 and 22, Meltzer discloses:**

wherein the routine is a Graphics class method (Meltzer on col. 76, lines 33-67: teaches JAVA classes, methods).

### ***Response to Arguments***

6. Applicant's arguments filed 7/03/03 have been fully considered but they are not persuasive.

Regarding Applicant's remarks on page 6:

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Meltzer discloses an "application program to be translated" on col. 5, lines 1-19, col. 23, lines 57-59: teaches translating JAVA objects into an XML documents and on col. 25, line 52 – col. 26, line 9: teaches an event generator exploits the JAVA beans API; wherein each object seen becomes an element (translation between JAVA and XML), in other words, JAVA beans or JAVA object (application program) are translated into XML elements.

Meltzer discloses "a routine called by the application program", on col. 23, lines 17-37 and col. 25, line 52 – col. 26, line 9 teaches a listener as a JAVA program (as routine called by the application program) to listen for events to exploits the JAVA beans API for transforming the object (beans) into a format such as XML.

Regarding Applicant's remarks on page 7:

Meltzer does disclose "selecting an element defined in the document type definition file based on a routine called by the application program", on col. 23, lines 17-60: teaches element retrieved from XML DTD (selecting an element defined in DTD) and on col. 23, lines 17-37 and col. 25, line 52 – col. 26, line 9 teaches a listener (as routine called by the application program) to listen for events to exploits the JAVA beans API for transforming the object (beans) into a format such as XML.

### ***Conclusion***

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO**

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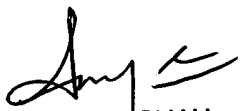
MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Almari Yuan whose telephone number is (703) 305-5945. The examiner can normally be reached on Mondays - Fridays (8:30am - 5:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Feild can be reached on (703) 305-9792. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

AY  
September 17, 2003

  
SANJIV SHAH  
PRIMARY EXAMINER